



			DINO DOCID 2112121		*
Name :	Survey Summary	Hazardous	Comparison Value	Comparison	Maximum
		Substances Present*		Value Source	
1.	2 adults, 1 teenager,	1)DEHP	1) 600/2,000 ug/L	1)ATSDR	1) 2.3 ug/L
Ex. 6 - Personal Privacy	water buffalo (well	,		Child/Adult	
İi	disconnected) using			Chronic	,
•	donated bottled water			EMEG	
	for drinking. Delivery				
•	of water to buffalo	2)Glycols	2) 8,000/30,000	2)ATSDR	2) 4700J ug/L
	discontinued by donor		ug/L	Child/Adult	
	parties.			Intermediate	
•				EMEG	
		3) 2-Methoxyethanol	3) None		
			Established	3) None	3) 1300J ug/L
				l ist	
1994 1 1888 1		4)Manganese	4) 50 ug/L	4) EPA SMCL	4) 96.5 ug/L
ox: Although manganes	e was detected at a level (96.5	ug/L) that exceeds its	Secondary MCL (50 u	g/L), this concent	ration would not be
	cant threat. The other contan				
TSDR: Glycol compound of	detections of concern (analytical	detection issues as we've	e discussed). Elevated,r	nanganese. Elevat	ed methane. Biological
k. Potential quality control	issues with data. Do not use up	ntil further characterization	n recommended.		And the second s
2	h it is	rodovoveli (grazano) i bile se e di		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1 01 /
2. Ex. 6 - Personal Privacy	2 adults, no children,	Arsenic	3/10 ug/L	ATSDR	1.8J ug/L
	water buffalo (well not	.,		Child/Adult	
	being used) using donated			Chronic	
	bottled water for drinking.			EMEG	
•	Delivery to water buffalo				
,	discontinued by donor				
	parties	L		<u></u>	
Tox: No contaminants at		· · · · · · · · · · · · · · · · · · ·			
TSDR: No organics data. I	Elevated methane, ethane, and	ethene. Further characte	rization recommended.	as carried to to a least	7. 400.00

3.	2 adults, no children,	1)Glycols	1)8000/30,000 ug/L	1) ATSDR	1)~1620 ug/L
Ex. 6 - Personal Privacy	water buffalo (well not			Child/Adult	
	being used) using	2) 2-Methoxyethanol		Intermediate	
·	donated bottled water			EMEG	1
	for drinking. Delivery	3) Arsenic			•
	to water buffalo		2)None Established	2) None	2) 1100J ug/L
	discontinued by donor	4) Mangenese		,	
	parties. Pumping water		3) 3/10 ug/L	3) ATSDR	3) 2.4J ug/L
	from the creek to the	5) Sodium		Child/Adult	, ,
	water buffalo	'		Chronic	
				EMEG	
				·	
			4) 50 ug/L	4) EPA SMCL	4) 76J ug/L
			5) 20 000	5) ED 4	5) 110 000 va/I
W. 19	·	12.	5) 20,000 ug/L	5) EPA	5) 110,000 ug/L
				Drinking	Ę
		1		Water	86
	~/T)da:4a:Cd	<u> </u>	<u>:</u>	Advisory	1,7

TOX: Sodium (110,000 ug/L) exceeds its Secondary MCL, which is based on aesthetics, as well as the safe level of intake for individuals on sodium-restricted diets. From a health perspective, the detected level of sodium could be a concern for hypertensive individuals. Manganese (76 ug/L) exceeds its Secondary MCL, but does not pose a threat.

ATSDR: Glycol compound detections of concern (analytical detection issues as we've discussed). Elevated manganese. Elevated sodium. Elevated methane. Biological ok. Do not use until further characterization recommended.

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	!	4 adults, no children,	1) Glycols	1) 8000/30,000	1) ATSDR	1) 630J ug/L
しつ	Ex. 6 - Personal Privacy	water buffalo (well not	1) Glycols	ug/L	Child/Adult	1) 0303 ug/L
		being used) using		ug/L	Intermediate	
	·	donated bottled water for			EMEG	
		drinking. Delivery to		-		
		water buffalo	2) 2-Methoxyethanol	2) None	2) None	2) 880J ug/L
		discontinued by donor	•	Established	Established	, ,
	•	parties.				
		•	3) Arsenic	3) 3/10 ug/L	3) ATSDR	3) 7.2B ug/L
					Child/Adult	
				٠.	Chronic	
	•	·	·		EMEG	
	· · · · · · · · · · · · · · · · · · ·		4) Mangenese	4) 50 ug/L	4) EPA SMCL	4) 628 ug/L
			500 11	· 5 > 20 000 /T	5) FD.4	5) 00 000 " /I
	and about the		5)Sodium	5) 20,000 ug/L	5) EPA	5) 82,900 ug/L
	14.78			(*) = (*)	Drinking	
		,	1477 (41.47) 1. 14.47 (41.47)		Water Advisory	
				1,77		12,614,57 - 42,216,63
	Similar to above (Pe	scident 2) codium was obser	ared at this residence (8'	2 000 ug/L) in avenue	of ita Sacandamy N	ACI Managanese (6)
		esident 3), sodium was obser				
g/L) a	also exceeded its Sec	condary MCL; exposure to the	nis concentration would	yield a Hazard Quotie	ent of approximate	ely 2.
g/L) a	also exceeded its Sec : Glycol.compound de		nis concentration would detection issues as we've	yield a Hazard Quotic discussed). Elevated r	ent of approximate	ely 2.
g/L) a TSDR oncerr	also exceeded its Sec : Glycol.compound de	condary MCL; exposure to the tections of concern (analytical ntrol issues with data. Do not use	nis concentration would detection issues as we've use until further character	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate	ely 2. ed methane. Biologica
g/L) a	also exceeded its Sec : Glycol.compound de	condary MCL; exposure to the tections of concern (analytical antrol issues with data. Do not use a adults, no children,	nis concentration would detection issues as we've	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR	ely 2. ed methane. Biologica
g/L) a TSDR oncerr	also exceeded its Sec : Glycol.compound de	eondary MCL; exposure to the tections of concern (analytical introl issues with data. Do not using water buffalo	nis concentration would detection issues as we've use until further character	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult	ely 2. ed methane. Biologica
g/L) a TSDR oncerr	also exceeded its Sec :: Glycol.compound de n. Potential quality co	eondary MCL, exposure to the stections of concern (analytical introl issues with data. Do not use a sadults, no children, not using water buffalo, using well water for	nis concentration would detection issues as we've use until further character	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult Chronic	ely 2. ed methane. Biologica
ig/L) a ATSDR concerr	also exceeded its Sec :: Glycol.compound de n. Potential quality co	ondary MCL, exposure to the tections of concern (analytical introl issues with data. Do not use a salults, no children, not using water buffalo, using well water for everything but drinking	nis concentration would detection issues as we've use until further character	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult	ely 2. ed methane. Biologica
g/L) a TSDR oncerr	also exceeded its Sec :: Glycol.compound de n. Potential quality co	sondary MCL; exposure to the stections of concern (analytical introl issues with data. Do not using water buffalo, using well water for everything but drinking and cooking buying	nis concentration would detection issues as we've use until further character 1) Arsenic	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult Chronic EMEG	ely 2. ed methane. Biologica 1) 1.3 ug/L
g/L) a TSDR oncerr	also exceeded its Sec :: Glycol.compound de n. Potential quality co	sondary MCL; exposure to the stections of concern (analytical introl issues with data. Do not using water buffalo, using well water for everything but drinking and cooking buying their own bottled water	nis concentration would detection issues as we've use until further character	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult Chronic	ely 2. ed methane. Biologica
ig/L) a ATSDR concerr	also exceeded its Sec :: Glycol.compound de n. Potential quality co	sondary MCL; exposure to the stections of concern (analytical introl issues with data. Do not using water buffalo, using well water for everything but drinking and cooking buying their own bottled water for drinking and	nis concentration would detection issues as we've use until further character 1) Arsenic	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult Chronic EMEG	ely 2. ed methane. Biologica 1) 1.3 ug/L
ig/L) a ATSDR concerr	also exceeded its Sec :: Glycol.compound de n. Potential quality co	condary MCL; exposure to the stections of concern (analytical introl issues with data. Do not using water buffalo, using well water for everything but drinking and cooking buying their own bottled water for drinking and cooking. High	nis concentration would detection issues as we've use until further character 1) Arsenic	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult Chronic EMEG	ely 2. ed methane. Biologica 1) 1.3 ug/L
ig/L) a ATSDR concerr	also exceeded its Sec :: Glycol.compound de n. Potential quality co	condary MCL; exposure to the stections of concern (analytical introl issues with data. Do not using water buffalo, using well water for everything but drinking and cooking buying their own bottled water for drinking and cooking. High sediment noted in their	nis concentration would detection issues as we've use until further character 1) Arsenic	yield a Hazard Quotic discussed). Elevated r zation recommended.	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult Chronic EMEG	ely 2. ed methane. Biologica 1) 1.3 ug/L
g/L) a TSDR oncern	also exceeded its Sec :: Glycol.compound de n. Potential quality co Ex. 6 - Personal Privacy	condary MCL; exposure to the stections of concern (analytical introl issues with data. Do not using water buffalo, using well water for everything but drinking and cooking buying their own bottled water for drinking and cooking. High	nis concentration would detection issues as we've use until further characterial 1) Arsenic 2) Mangenese	yield a Hazard Quotic discussed). Elevated r zation recommended. 1) 3/10 ug/L 2) 50 ug/L	ent of approximate nanganese. Elevate 1) ATSDR Child/Adult Chronic EMEG	ely 2. ed methane: Biologica 1) 1.3 ug/L

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6. Ex. 6 - Personal Privacy	2 adults, 2 teenagers, 3	1) DEHP	1) 600/2,000 ug/L	1) ATSDR	1) 22 ug/L
7	children, water buffalo			Child/Adult	- '
	(well not being used)			Chronic	!
	using donated bottled			EMEG	
	water for drinking.				
	Delivery to water	2) Arsenic	2) 3/10 ug/L	2) ATSDR	2) 6.5 ug/L
	buffalo discontinued by			Child/Adult	. ,
	donor parties.		•	Chronic	
				EMEG	
	•	3) Mangenese	3) 50 ug/L	3) EPA SMCL	3) 669 ug/L
		4) Sodium	4) 20,000 ug/L	4) EPA	4) 131,000 ug/L
		, ·		Drinking	
			.	Water	
				Advisory	

TOX: DEHP (22 ug/L) exceeds its MCL (6 ug/L) and also its risk-based screening level (7.1 ug/L, set at an excess cancer risk of 1E-04). Long-term exposure to this level of DEHP would pose a cancer risk of approximately 3E-04; this would be considered an imminent and substantial threat. Additionally, sodium (131,000 ug/L) exceeds its Secondary MCL and could pose a threat to sodium-sensitive individuals. Note that three children reside at this location.

ATSDR: Limited organics data. Elevated manganese and sodium. Elevated methane. Biological concern. Do not use until further characterization recommended.

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7.		Fisher – 2 adults, 1	1) Glycols	1) 8000/30,000	1) ATSDR	1) 3400J ug/L
,	Ex. 6 - Personal Privacy	senior, 1 adolescent, 1	•	ug/L	Child/Adult	
		child, 1 toddler, water			Intermediate	
		buffalo (well not being			EMEG ·	
'	· · · · · · · · · · · · · · · · · · ·	used) using donated		, ,		
		bottled water for	2) Arsenic	2) 3/10 ug/L	2) ATSDR	2) 3.1 ug/L
		drinking. Delivery to			Child/Adult	
	*	water buffalo			Chronic	
		discontinued by donor		•	EMEG	
		parties.				
		·	3) Mangenese	3) 50 ug/L	3) EPA SMCL	3) 1360 ug/L

TOX: Manganese was detected at a level (1360 ug/L) that generates a Hazard Quotient of approximately 4. This represents an imminent and substantial threat. Note that two children (including one toddler) reside at this location.

ATSDR: Glycol compound detections of concern (analytical detection issues as we've discussed). Elevated manganese. Biological concern. Do not use until further characterization recommended.

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	NAME OF THE PARTY	Shirt of the same				
/8.		3 adults, 3 seniors, 2	1)DEHP	1) 600/2,000 ug/L	1) ATSDR	1) 2.61 ug/L
	Ex. 6 - Personal Privacy	toddlers, water buffalo			Child/Adult	·
		disconnected. Well		·	Chronic	
1		back in use for non-			EMEG	٠.
1.		potable uses. Bottle				
1		water used for drinking	2)Arsenic	2) 3/10 ug/L	2) ATSDR	2) 37 ug/L
		and cooking. Resident		•	Child/Adult	
		installed filter system			Chronic	
		(not sure it is certified	.*		EMEG	
		for potential				
		contaminants)	3)Manganese	3) 50 ug/L	3) EPA SMCL	3) 413 ug/L
				4) 20 000 //	0.55	1) 2 6 000 //
		·	4)Sodium	4) 20,000 ug/L	4) EPA	4) 36,800 ug/L
					Drinking	
		War	,		Water	
					Advisory	·

TOX: Arsenic (37 ug/L) was observed at a concentration that would pose a long-term cancer risk of 8E-04. This represents an imminent and substantial threat. Additionally, the detected concentration of arsenic exceeds its MCL (10 ug/L). Note that two toddlers reside at this location.

ATSDR: Glycol compound detections of concern (analytical detection issues as we've discussed). Elevated manganese. Elevated sodium. Biological concern. Do not use until further characterization recommended.

* Note, other chemicals of concern to ATSDR are present in all of these wells.

Overall ATSDR statement

ATSDR's preliminary public health evaluation of the private well water data at this time remains as summarized in our 12/29/11 Record of Activity document. We concluded that considering the maximum levels detected in these wells and the potential quality control issues, a possible chronic public health threat for prolonged use of the water from at least some of these wells exits. We recommended not using the water until further characterization could better establish the existence of a public health threat.

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